Application No. 09/498,677 Petition to Revive dated November 7, 2005 Reply to Telephone Call of Examiner Mondt on November 3, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED.

NOV 1 5 2005

Docket No.:

TI-29599

OFFICE OF PETITIONS

Steinhoff et al.

Application of

Art Unit: 2826

Serial No.: 09/498,677

Examiner:

Mondt, J.

Filed: 02/07/2000

Conf. No.:

9140

For: BI-DIRECTIONAL ESD PROTECTION CIRCUIT

## PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED **UNINTENTIONALLY UNDER 37 C.F.R. 1.137(b)**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-14550

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(a)

I hereby certify, that on this date, this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Alexandria, VA 22313-1450 on Conculer

Elizabeth Austin

Dear Sir:

Examiner Mondt contacted Applicants' attorney on November 3, 2005 and informed Applicants that he had no record of the USPTO ever receiving a response from Applicants to his Office communication of May 7, 2002. As such, the application was effectively abandoned. Applicants submit this Petition to Revive the application as set forth below.

### ARGUMENT

Examiner Mondt's call to Applicants' attorney on November 3, 2005 was quite a surprise to Applicants who faxed in their reply (an Election under 35 USC § 121) to the Office communication

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Petition to Revive dated November 7, 2005

Reply to Telephone Call of Examiner Mondt on November 3, 2005

of May 7, 2002 on May 28, 2002. Applicants file record also shows that, in response to subsequent

requests from the Examiner, Applicants re-faxed copies of the May 28, 2002 Election to the

USPTO on October 10, 2002 and December 10, 2004. Nonetheless, Examiner Mondt stated that

none of Applicants' faxes were ever entered into the record by the USPTO. Applicants respectfully

submit that the Abandonment of the application by the USPTO is in error and should be withdrawn

in view of the following Facts and Reasons Why the Abandonment is Improper:

THE FACTS:

1) Examiner issued an Office communication on August 17, 2002 in which an

ELECTION/RESTRICTIONS requirement was set forth (ATTACHMENT-1).

2) Applicants filed a PRELIMINARY AMENDMENT with the USPTO via U.S. Postal

Service as First Class Mail on August 28, 2001 (ATTACHMENT-2). In their

PRELIMINARY AMENDMENT, Applicants elected the invention of Group I, claims

1-13, and canceled Group II claims 14-20 (without prejudice) and added new claims

21-45.

3) Examiner issued an Office communication on March 28, 2002 (ATTACHMENT-3) in

which the Examiner stated "Not clear is whether this cancellation has been carried out

in response to the restriction requirement filed in Paper No. 3" (page 2, lines 5-6).

Applicants were quite surprised by this statement since in their PRELIMINARY

AMENDMENT, Applicants specifically stated "In response to Examiner's restriction

requirement of August 17, 2001, applicants hereby elect Group I claims 1-13. Group II

claims 14-20 have been canceled" (page 6 lines 2-4) – which Applicants feel clearly set

forth that the cancellation was in response to the restriction requirement filed in Paper

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- No. 3. The Examiner then went on to issue another ELECTION/RESTRICTIONS requirement directed to species of the claimed invention: first embodiment (Figs. 1A-C); second embodiment (Figs. 2A-B); and third embodiment (Fig. 3)(page 2, line 10 page 3, line 8).
- 4) Applicants filed a response entitled ELECTION UNDER 35 USC § 121 with the USPTO via facsimile transmission to USPTO telephone number 703-306-0531 on April 25, 2001 (ATTACHMENT-4). In their ELECTION UNDER 35 USC § 121, Applicants traversed the Examiner's species election requirement and argued that Claims 1, 21 and 34 were generic according to the definition in MPEP 8604(d). Applicants argued that since the Examiner had offered no rationale for his arbitrary selection of species. Applicants could not understand what they were expected to select. Applicants requested further clarification from the Examiner (page 3, lines 9-20).
- 5) Examiner issued an Office communication on May 25, 2002 (ATTACHMENT-5) in which the Examiner stated "The reply filed on 4-25-2 is not fully responsive to the prior Office Action because of the following omissions(s) or matter(s): Applicant has deliberately failed to elect a single discloses species for prosecution on the merits and provide a listing of all claims readable thereon. Therefore this response is not a bona fide attempt to advance the application to final action (see MPEP 714.03)".
- 6) Applicants' representative at the time, Robert Rountree, called Examiner Mondt and his SPE Nathan J. Flynn on May 1, 2002, in an attempt to resolve the restriction issue (ATTACHMENT-6). Apparently agreement was not reached.

- 7) Applicants filed a response entitled ELECTION UNDER 35 USC § 121 with the USPTO via facsimile transmission to USPTO telephone number 703-308-7722 on May 28, 2002 (ATTACHMENT-7). In their ELECTION UNDER 35 USC § 121, Applicants traversed the Examiner's election requirement of March 28, 2002. Applicants further provisionally elected the species of Figures 2A-2B with traverse (page 2, lines 7-8).
- 8) Applicants re-faxed (on October 10, 2002 to Examiner Mondt at 703-746-5176) their response entitled ELECTION UNDER 35 USC § 121 which was filed with the USPTO via facsimile transmission to USPTO telephone number 703-308-7722 on May 28, 2002. A copy of the cover sheet showing USPTO receipt of the re-fax is included (ATTACHMENT-8).
- 9) Applicants once again re-faxed (on December 10, 2004 to Examiner Mondt at 571-272-1919) their response entitled ELECTION UNDER 35 USC § 121 which was filed with the USPTO via facsimile transmission to USPTO telephone number 703-308-7722 on May 28, 2002. A copy of the cover sheet showing USPTO receipt of the re-fax is included (ATTACHMENT-9).
- 10) Presumably, the USPTO lost or misplaced the above-identified ELECTION UNDER 35 USC § 121 and each copy which was subsequently re-faxed to the USPTO.

REASONS WHY THE ABANDONMENT IS IMPROPER AND SHOULD BE WITHDRAWN:

Paragraphs 7-9 above clearly show that Applicants filed a timely response to the Examiner's ELECTION/RESTRICTION requirement of March 28, 2002. It is further clear that the USPTO has lost and/or misplaced three copies of Applicants' response of May 28, 2002.

For the above reasons, Applicants request that the Abandonment of the application be vacated and/or withdrawn. Applicant further requests that the application be assigned for examination in a timely manner.

Pursuant to the requirements of 37 C.F.R. § 1.137(1), Applicants submit herewith the reply required – ELECTION UNDER 35 USC § 121 (ATTACHMENT-7) which was filed with the USPTO via facsimile transmission to USPTO telephone number 703-308-7722 on May 28, 2002, re-faxed on October 10, 2002 and re-faxed again on December 10, 2004.

Being that the USPTO lost Applicants' ELECTION UNDER 35 USC § 121 (ATTACHMENT-7) which was filed with the USPTO via facsimile transmission to USPTO telephone number 703-308-7722 on May 28, 2002, no additional Extension of Time or Petition fee should be required. Nevertheless, if the USPTO determines that a fee is required, please charge the fee to Deposit Account No. 20-0668.

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Pursuant to the requirements of 37 C.F.R. § 1.137(b)(3), Applicants state that the entire delay associated with the USPTO receiving Applicants' ELECTION UNDER 35 USC § 121 (ATTACHMENT-7) which was filed with the USPTO via facsimile transmission to USPTO telephone number 703-308-7722 on May 28, 2002, was unintentional.

Respectfully submitted,

On O. Mung

Ronald O. Neerings

Reg. No. 34,227

Attorney for Applicants

TEXAS INSTRUMENTS INCORPORATED P.O. BOX 655474, M/S 3999 Dallas, Texas 75265 972/917-5299



## UNITED STATED DEPARTMENT OF COMMERCE

## Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVEN	ITOR	. AT	TORNEY DOCKET NO.
<b>0</b> 9/498.677	<b>/</b> 02/07/90	STEINHOFF		R	TI-29599
- 023494		MMC2/0817	$\neg$	EX	KAMINER
	UMENTS INCO			MONTATT	
	474, M/S 39			ART UNIT	PAPER NUMBER
DALLAS TX:7	5265			2826 DATE MAILED:	,
					08/17/01
				ELECTION	1 9/17/011

Please find below and/or attached an Office communication concerning this application or proceeding.

**Commissioner of Patents and Trademarks** 

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OFFICE OF PETITIONS

תקעומחקק

AUG 2 1 2001

BEN KROGER

ATTACHMENT 1

	Application No.	Applicant(s)		
Office Action Summers	09/498,677	STEINHOFF ET AL.		
Office Action Summary	Examiner	Art Unit		
	Johannes P Mondt	2826		
The MAILING DATE of this communication appe Period for Reply	ears on the cover sheet with the co	prrespondence address		
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period v - Failure to reply within the set or extended period for reply will, by statute, - Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).  Status	36 (a). In no event, however, may a reply be till within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	mely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).		
1) Responsive to communication(s) filed on	<u> </u>			
2a)☐ This action is <b>FINAL</b> . 2b)⊠ Th	is action is non-final.			
3) Since this application is in condition for allowated closed in accordance with the practice under				
Disposition of Claims				
4)⊠ Claim(s) <u>1-20</u> is/are pending in the application	1.	RECEIVED		
4a) Of the above claim(s) is/are withdraw	wn from consideration.	NOV 1 5 2005		
5) Claim(s) is/are allowed.		1:0 2005		
6)☐ Claim(s) is/are rejected.		OFFICE OF PETITIONS		
7) Claim(s) is/are objected to.				
8)⊠ Claims <u>1-20</u> are subject to restriction and/or €	election requirement.			
Application Papers				
9) The specification is objected to by the Examine	er.			
10) The drawing(s) filed on is/are objected	10)☐ The drawing(s) filed on is/are objected to by the Examiner.			
11)☐ The proposed drawing correction filed on	_ is: a) ☐ approved b) ☐ disap	proved.		
12) The oath or declaration is objected to by the E	xaminer.			
Priority under 35 U.S.C. § 119				
13) Acknowledgment is made of a claim for foreign	n priority under 35 U.S.C. § 119(a	n)-(d) or (f).		
a) ☐ All b) ☐ Some * c) ☐ None of:				
1. Certified copies of the priority document	s have been received.			
2. Certified copies of the priority document	s have been received in Applicat	ion No		
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.				
14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).				
Attachment(s)				
15) Notice of References Cited (PTO-892)	18) 🔲 Interview Summa	ary (PTO-413) Paper No(s)		
16) Notice of Draftsperson's Patent Drawing Review (PTO-948)	19) 🔲 Notice of Informa	Patent Application (PTO-152)		
17) Information Disclosure Statement(s) (PTO-1449) Paper No(s)	20) 🗌 Other:	į		
U.S. Patent and Tracemark Office PTO-326 (Rev. 01-01) Office Ad	ction Summary	Part of Paper No. 3		

.Application/Control Number: 09/498,677

Art Unit: 2826

## **DETAILED ACTION**

### Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
- Claims 1-13, drawn to a protection circuit in a field effect device with insulated gate electrode, classified in class 257, subclass 288.
- II. Claim 14-20, drawn to the making of a protection circuit in a field effect device with insulated gate electrode, classified in class 438, subclass 197.
- 2. The inventions are distinct, each from the other because of the following reasons.

Inventions II and I are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case, unpatentability of the group II invention would not necessarily imply unpatentability of the group I invention, because the device of the group I invention could be made by a process materially different from that of the group II invention. For example, the process described in claim 14 can be materially altered, by forming a first device having a current path connected to a transistor and arranged to

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inhibit conduction of the current path in it in response to a maximum positive voltage; followed by forming a second device having a current path and a control terminal between an external terminal and a reference terminal, the external terminal coupled to receive a maximum positive voltage with respect to the reference terminal and a minimum negative voltage with respect to the reference terminal during normal circuit operation to serve as the aforementioned transistor.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Johannes P Mondt whose telephone number is (703) 306-0531. The examiner can normally be reached on 8:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J Flynn can be reached on (703) 308-6601. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Application/Control Number: 09/498,677

Art Unit: 2826

JM August 16, 2001

> Nathan Flynn Primary Examiner



## UNITED STAT DEPARTMENT OF COMMERCE Patent and Transmark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

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If the contents of the attached correspondence have any clerical omissions, e.g., missing references or pages, illegible text, or any other clerical errors, please contact us at the number below as soon as possible. We will take appropriate action to expedite the necessary corrections. Also, if you have general questions concerning any application assigned to Technology Center 2800, including status inquiries, please contact our Customer Service Center. Of course, questions concerning the merits of the application must be directed to the Examiner in charge of the particular application, then to the supervisor if appropriate.

TC 2800Customer Service Center Crystal Plaza 4-6<sup>th</sup> floor, D-corridor

Customer Service Representative are:

Linda M. Hodge-Taylor CP-4-6-D32 Wynette Stapor CP-4-6-D30 CP-4-6-D30 CP-4-6-D30

We are open to receive request for service in person, by phone 703/306-3329, or Fax 703/306-5515, from 8:30 am-5:00 p.m. each business day.

If the communication you have received has any technical or legal issues that raise concerns as to the quality and/or clarity of the Office action itself, we invite you to contact the appropriate Supervisory Primary Examiner or one of our Quality Assurance Specialists.

Quality Assurance Specialists:

Paul Dzierzynski

703/308-4822

Don Hajec

703/308-4075

Attention: Policy on Returning Telephone Calls

A USPTO-wide customer service standards states that if a USPTO employee being called is not available they will return your calls by the next business day, or, if you request, an alternate point of contact will be provided. Technology Center 2800 is committed to meeting this service standard. If you have called any employee in our Technology Center and have not received a return phone call within one (1) business day or have not been provided another point of contact, please contact our Customer Service Center at 703/306-3329. We ensure that you will receive a return phone call, from an employee with the ability to assist you, within four (4) business hours of this contact.

Any matter not satisfactorily resolved by the listed resources should be brought to the attention of the appropriate Director listed below.

We appreciate your assistance in helping us help you.

Directors, Technology Center 2800
Semi-conductors, Electrical, Optical Systems & Components

Rolf G. Wille 703/306-3431 2810/2820

Stewart J Levy 703/308-0658 2830/2840

Woward M. Goldberg 703/306-3431 2850/2860

Janice A. Falcone 703/308-0530 2870/2880

In The "Received" stamp of the Patent and Trademark Office imprinted hereon acknowledges the filing of:			
In The "Received" stamp of the Patent and Trademark Office  NEW APPLICATION DECLARATION - ASSIGNMENT w/cover sheet FORMAL DRAWINGS ( sheets enclosed ) INFORMAL DRAWINGS ( sheets) CONTINUATION APPLICATION DIVISIONAL APPLICATION		X PRELIMINARY AMEND. / ELECTION  EOT	
NAME OF INVENTOR(S):		RECEIPT DATE & SERIAL NO.: 09/498,677	
Steinhoff, et al.	_	CONFIRMATION NO 9140	
TITLE OF INVENTION: Bi-Directional ESD Protection		THADEMARK MARINI MOS	
TI FILE NO.:	DEPOSIT ACCT. NO.:		
TI-29599	20-0668	- (35 1005 0 E BUA E	
EXPRESS MAIL RECEIPT	NO.:	7	
MAILED DATE: August 28, 2001  DATE DUE: September 17, 2001  ATTY/SECY: Robert Rountree / E. Austin		110	

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Washington, D.C. 20231
www.uspto.gov

				1
APPLICATION NO.	FILING PATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/498,677 23494 7	02/07/2000	Robert Steinhoff	TI-29599	9 40
	RUMENTS INCORPO	DRATED	EXAMI	NER
P O BOX 6554 DALLAS, TX	•		MONDT, JO	HANNES P

ART UNIT PAPER NUMBER

2826

DATE MAILED: 03/28/2002 /

ELECTION 4/28/102/

Please find below and/or attached an Office communication concerning this application or proceeding.

ATTACHMENT 3

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APR 0 F 2002

BEN Elevater

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• •	• •	Application No.	Applicant(s)	
	Office Assistant Commence	09/498,677	STEINHOFF ET AL.	
	Office Action Summary	Examiner	Art Unit	
•		Johannes P Mondt	2826	
Period f	The MAILING DATE of this communication app or Reply	pears on the cover sheet with t	the correspondence address	
THE - External control	MAILING DATE OF THIS COMMUNICATION.  Insions of time may be available under the provisions of 37 CFR 1.1:  To SIX (6) MONTHS from the mailing date of this communication.  In e period for reply specified above is less than thirty (30) days, a reply of period for reply is specified above, the maximum statutory period of the period for reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing led patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply y within the statutory minimum of thirty (30 will apply and will expire SIX (6) MONTHS to cause the application to become ABANI	be timely filed  O) days will be considered timely. If from the mailing date of this communication  DONED (35 U.S.C. § 133).	ı.
Status	Paganaire to communication(a) filed on 9/17	7/00		
1)⊠	· · · · · · · · · · · · · · · · · · ·	is action is non-final.		
2a)☐	,			_
3)	Since this application is in condition for allowated closed in accordance with the practice under tion of Claims			S
·	Claim(s) <u>1-13 and 21-45</u> is/are pending in the	application		
٠,٠	4a) Of the above claim(s) is/are withdraw	. ,		
5)[				
6)	Claim(s) is/are rejected.			
	Claim(s) is/are objected to.			
	Claim(s) 1-13 and 21-45 are subject to restrict	ion and/or election requireme	nt.	
	tion Papers	·		
9)[	The specification is objected to by the Examine	r.		
10)	The drawing(s) filed on is/are: a) accept	oted or b) objected to by the	Examiner.	
	Applicant may not request that any objection to the	e drawing(s) be held in abeyance	e. See 37 CFR 1.85(a).	
11)	The proposed drawing correction filed on	_ is: a)☐ approved b)☐ disa	pproved by the Examiner.	•
	If approved, corrected drawings are required in re			
-	The oath or declaration is objected to by the Ex	aminer.		
Priority	under 35 U.S.C. §§ 119 and 120			
	Acknowledgment is made of a claim for foreign	n priority under 35 U.S.C. § 1	19(a)-(d) or (f).	
a)	□ All b) □ Some * c) □ None of:			
	1. Certified copies of the priority document	s have been received.	• •	
	2. Certified copies of the priority document	s have been received in Appl	ication No	
<ul> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>				
14) 🔲 .	Acknowledgment is made of a claim for domesti	c priority under 35 U.S.C. § 1	19(e) (to a provisional application	on).
	a)  The translation of the foreign language pro Acknowledgment is made of a claim for domest	• •		
Attachment(s)				
2) Noti	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) rmation Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of Infor	mary (PTO-413) Paper No(s) mal Patent Application (PTO-152)	

Art Unit: 2826

### **DETAILED ACTION**

## Response to Amendment

Amendment A filed 8/30/01 has been considered prior to this action. In said Amendment claims 14-20 have been canceled. Not clear is whether this cancellation has been carried out in response to the restriction requirement filed in Paper No. 3. However, further claims 21-45 have been entered. The outstanding claims have been considered prior to this Office Action. As a direct result of the newly added claims, pertaining to the second and third embodiments, an election of species is required from Applicant, as set forth below.

## Election/Restrictions

1. This application contains claims directed to the following patentably distinct species of the claimed invention: first embodiment (Figs. 1A-C); second embodiment (Figs. 2A-B); and third embodiment (Fig. 3).

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claims seem to be generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

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Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

- 4. Applicant is advised that the response to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 FR 1.143).
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Johannes P. Mondt, whose telephone number is (703) 306-0531. The examiner can normally be reached on Monday-Friday 8:00 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J. Flynn can be reached on (703) 308-6601. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

March 26, 2002 JPM



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Quality Assurance Specialists: Don Hajec......703-308-4075

Paul Dzierzynski......703-308-4822

If the contents of the attached correspondence have any clerical omissions, e.g., missing references or pages, illegible text, or any other similar errors, please contact us at the number below. We will take appropriate action to expedite the necessary corrections. Also, if you have general questions concerning any application assigned to Technology Center 2800, please contact our Customer Service Center. Questions concerning the merits of the application must be directed to the Examiner in charge of the particular application, then to the supervisor if appropriate.

TC 2800Customer Service Center

Crystal Plaza 4-6th floor, D-corridor

**Customer Service Representatives:** 

Linda M. Hodge-Taylor

CP4-6-D32

Wynette Stapor

CP4-6-D30

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Any matter not satisfactorily resolved by the listed resources should be brought to the attention of the appropriate Director listed below. We appreciate your assistance in helping us help you

## Directors, Technology Center 2800 Semi-conductors, Electrical, Optical Systems & Components

Sharon Gibson	703/308-0658	2810
Rolf G Hille	703/306-0658	2820
Richard Seidel	703/306-3431	2830/40
Howard N Goldberg	703/306-3431	2850 <i>1</i> 60
Janice A Falcone	709/308-0530	2870 <b>/</b> 80

\*\* TX STATUS REPORT \*\*

APR 25 2002 14:19 PAGE.01

TI LAW DEPT

DATE TIME 07 04/25 14:18 TO/FROM MODE 817033087722 EC--S

MIN/SEC 01'07"

STATUS JOB# 092

ΩK

Texas instruments incorporated

Post Office Box \$55474, MS 3999 Ozilas, Texas 75265 7839 Churchill Way Oalias, Texas 75251

## FAX COVER SHEET

DATE: 4/25/02

Page 1 of

FROM: ROBERT ROUNTREE TO:

J. MONDT

COMPANY NAME:

COMPANY NAME: USPTO

Texas Instruments Incorporated

PHONE NUMBER:

(972) 917- 443/

PHONE NUMBER:

703-306-0531

FAX NUMBER:

FAX NUMBER:

(972) 917-4418

703-308-7722

MESSAGE

RE: 09/498,677

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Steinhoff et al.

Docket:

TI-29599

Serial No.: 09/498,677

Examiner: Mondt, J.

Filed: February 7, 2000

Art Unit: 2826

For: BI-DIRECTIONAL ESD PROTECTION CIRCUIT

Conf. No.: 9140

## **ELECTION UNDER 35 USC § 121**

April 25, 2002

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

I hereby certify that the above correspondence is being facsimile transmitted to the Patent and Trademark Office on April 25, 2002.

Dear Sir:

Reconsideration is requested in response to Examiner's restriction requirement of March 28, 2002. Therein, Examiner seems to arbitrarily select three groups of figures (1A-1C,2A-2B,3) and states they are patentably distinct species of the claimed invention. Examiner offers no rationale for this arbitrary distinction and further states that no claims seem to be generic. Applicants hereby traverse Examiner's arbitrary restriction and offer the following to show that each of independent claims 1, 21, and 34 is generic.

Referring to Figures 1A, 2A, and 3, respectively, independent claim 1 recites:

A structure, comprising:

an external terminal (100,100,100);

a reference terminal (102,102,102);

- a first transistor (106,106,300) formed on a substrate (108,108,108), the first transistor having a current path coupled between the external terminal and the reference terminal;
- a second transistor (118,118,118) having a current path coupled between the external terminal and the substrate; and
- a third transistor (120,120,120) having a current path coupled between the substrate and the reference terminal.

Referring again to Figures 1A, 2A, and 3, respectively, independent claim 21 recites:

A circuit, comprising:

- a first terminal (100,100,100);
- a second terminal (102,102,102);
- a third terminal (108,108,108);
- a device (106,106,300) having a current path coupled between the first and second terminals;
- a first transistor (118,118,118) having a current path coupled between the first terminal and the third terminal and having a control terminal coupled to the second terminal; and
- a second transistor (120,120,120) having a current path coupled between the second terminal and the third terminal and having a control terminal coupled to the first terminal.

Finally, referring to Figures 1A, 2A, and 3, respectively, independent claim 34 recites:

A circuit, comprising:

- a first terminal (100,100,100);
- a second terminal (102,102,102);
- a third terminal (108,108,108);
- a first device (106,106,300) having a current path coupled between the first and second terminals;

a second device (118,118,118) having a current path coupled between the first terminal and the third terminal, the second device current path not conducting in response to a positive voltage at the first terminal with respect to the second terminal and conducting in response to the positive voltage at the second terminal with respect to the first terminal; and

a third device (120,120,120) having a current path coupled between the second terminal and the third terminal, the third device current path conducting in response to the positive voltage at the first terminal with respect to the second terminal and not conducting in response to the positive voltage at the second terminal with respect to the first terminal.

In view of the foregoing, applicants respectfully submit that independent claims 1, 21, and 34 are generic according to the definition in MPEP 806.04(d). Since Examiner has offered no rationale for his arbitrary selection of species, applicants cannot even understand what they are expected to select. How can applicants select a species for prosecution when no separate species exist?

Applicants previously stated in their response of August 28, 2002, that they "have read Examiner's rationale for this restriction requirement several times and have no idea what Examiner is talking about and would appreciate further explanation." Applicants hereby reiterate this request for clarification. If Examiner sincerely believes there is a valid basis for the instant restriction, please provide some rational explanation. Alternatively, if Examiner is only trying to generate additional Office Actions and revenue for the PTO, please advise applicants that no rational explanation will be forthcoming.

In view of the foregoing, applicants respectfully request reconsideration and withdrawal of the restriction of March 28, 2002.

Respectfully submitted,

Robert N. Rountree

Reg. No. 39,347

Attorney for Applicants

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Total Pages Sent: 03

#### TI LAW DEPT

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To:

Technology Center

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Robert N. Rountree

Texas Instruments Incorporated

Facsimile: 972-917-4417 Phone: 972-917-4431

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Steinhoff et al.

Docket Number: TI-29599

Serial No.: 09/498,677

Art Unit 2826

Filed: 02/07/2000

Examiner: Mondt, J.

For. Bi-Directional ESD Protection Circuit

Conf. No.: 9140

## CERTIFICATION OF FACSIMILE TRANSMISSION

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Elizabeth Austin

ay 28,2002

## **FACSIMILE COVER SHEET**

X FACSIMILE COVER SHEET  NEW APPLICATION  DECLARATION (# Pages)  ASSIGNMENT (# Pages)  FORMAL DRAWINGS  INFORMAL DRAWINGS  CONTINUATION APP'N (# Pages)  DIVISIONAL APP'N	AMENDMENT (# Pages)  EOT (# Pages)  NOTICE OF APPEAL (# Pages)  APPEAL (# Pages)  ISSUE FEE (# Pages)  REPLY BRIEF (IN TRIPLICATE) (# Pages)  X ELECTION UNDER 35 USC § 121
NAME OF INVENTOR(S):	RECEIPT DATE & SERIAL NO.: 09/498,677
Steinhoff, Et al.	FILING DATE: 02/07/2000
TITLE OF INVENTION:  BI-Directional ESD Protection Circuit  TI FILE NO.: 77-29599   DEPOSIT ACCT. NO.: 20-0668  DATE FAXED: May 28, 2002  DUE: May 28, 2002  ATTY/SECY: Robert Rountree / E. Austin	

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/498,677	02/07/2000	Robert Steinhoff	TI-29599	9140
23494 7	590 08/20/2002			
TEXAS INST	RUMENTS INCORI	PORATED	EXAM	NER
P O BOX 6554 DALLAS, TX	•		MONDT, JO	HANNES P
			ART UNIT	PAPER NUMBER
			2826	
			DATE MAILED: 08/20/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

AUG 2 8 2002 BIN KILDON

	Application No.	Applicant(s)
Interview Summary	09/498,677	STEINHOFF ET AL.
interview duminary	Examiner	Art Unit
,	Nathan J. Flynn	2826
All participants (applicant, applicant's representative, PTO	personnel):	
(1) Nathan J. Flynn.	(3) <u>Jan Mondt</u> .	
(2) Robert Roundtree.	(4)	•
Date of Interview: <u>01 May 2802</u> .		
Type: a)⊠ Telephonic b)☐ Video Conference c)☐ Personal [copy given to: 1)☐ applicant 2	2)☐ applicant's representativ	re]
Exhibit shown or demonstration conducted: d) Yes If Yes, brief description:	e)⊠ No.	
Claim(s) discussed: <u>1,21 and 34</u> .		
Identification of prior art discussed: none.		
Agreement with respect to the claims f) was reached.	g) was not reached. h)[	□ N/A.
Substance of Interview including description of the general reached, or any other comments: <u>See Continuation Sheet</u>		if an agreement was
(A fuller description, if necessary, and a copy of the amendallowable, if available, must be attached. Also, where no callowable is available, a summary thereof must be attached.	opy of the amendments that v	reed would render the claims vould render the claims
<ul> <li>i) It is not necessary for applicant to provide a section checked).</li> </ul>	eparate record of the substanc	ce of the interview(if box is
Unless the paragraph above has been checked, THE FOR MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW action has already been filed, APPLICANT IS GIVEN ONE STATEMENT OF THE SUBSTANCE OF THE INTERVIEW reverse side or on attached sheet.	. (See MPEP Section 713.04 MONTH FROM THIS INTER	). If a reply to the last Office VIEW DATE TO FILE A
	·	
	/	
		HAN J. FLYNN Y PATENT EXAMINER
		DGY CENTER 2800
Examiner Note: You must sign this form unless it is an		
Attachment to a signed Office action.	· Examiner's sign	ature, if required



#### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

## Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by
  attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does
  not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case unless both applicant and examiner agree that the examiner will record same. Where the examiner agrees to record the substance of the interview, or when it is adequately recorded on the Form or in an attachment to the Form, the examiner should check the appropriate box at the bottom of the Form which informs the applicant that the submission of a separate record of the substance of the interview as a supplement to the Form is not required.

It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

- A complete and proper recordation of the substance of any interview should include at least the following applicable items:
- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
  - (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

#### **Examiner to Check for Accuracy**

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative argued that the election of species requirement is improper because the the differences between the figures is minor. He also argued that the exmainer did not state reasons way the figures are speices. SPE Flynn informed applicant's representative that the election requirement appeared to be completely proper and suggested that he petition the matter. SPE Flynn stated that if Applicant's representative admitted on the record that the figure where obvious in view of one antother the election requirement would be withdrawn.



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#### Quality Assurance Specialists:

Don Hajec.....703-308-4075

Paul Dzierzynski......703-308-4822

If the contents of the attached correspondence have any clerical omissions, e.g., missing references or pages, illegible text, or any other similar errors, please contact us at the number below. We will take appropriate action to expedite the necessary corrections. Also, if you have general questions concerning any application assigned to Technology Center 2800, please contact our Customer Service Center. Questions concerning the merits of the application must be directed to the Examiner in charge of the particular application, then to the supervisor if appropriate.

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Richard Seidel	703/306-3431	2830/40
Howard N. Goldberg	703/306-3431	2850/60
Janice A. Falcone	709/308-0530	2870/80

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PHONE NUMBER:

(972) 917 443

FAX NUMBER:

(972) 917-4418 or 917-4417 TO: Examiner J. Mond

COMPANY NAME:

PHONE NUMBER: 703 306 05.

EAY NUMBER.

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Page 1 of 6

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Johannes Mondt COMPANY NAME:

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